

AMENDMENTS TO THE CLAIMS

1-6. (Cancelled)

7. (New) A plasma display device comprising:

a plurality of discharge cells arranged to show a single color or multiple colors; and
phosphor layers disposed so as to correspond to the discharge cells and to be excited by
ultraviolet rays for emitting light,

wherein a composition formula of at least one phosphor layer of the phosphor layers is
 $\text{Ba}_{(1-x-y)} \text{Sr}_y \text{MgAl}_{10}\text{O}_{17}:\text{Eu}_x$,

wherein x has a value such that $0.01 \leq x \leq 0.20$, and y has a value such that $0 \leq y \leq 0.30$,
and wherein the phosphor layer is formed of a phosphor which has been heat-treated in an
oxidizing atmosphere.

8. (New) The plasma display device of claim 7,

wherein a heat-treatment temperature in the oxidizing atmosphere is not less than 600 °C
and not more than 1000 °C.